IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: B. Ryland Wiggs
Serial No.:   10/073,513
Filed: February 11, 2002
For: Closed Loop Direct Expansion Heating And Cooling System
                    With Auxiliary Refrigerant Pump
Group No.   3743
Attorney's Docket No.   N8232
Customer No.   23456

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. §1.56, applicant hereby calls to the attention of the

Patent and Trademark Office the following patents and other documents which are

listed on attached Form PTO-1449.

This Information Disclosure Statement is being filed before the mailing date of

a first Office Action on the merits for the above-reference application.

    1.   U.S. Patent No. 5,461,876 issued October 31, 1995, to Dressler.

    2.   U.S. Patent No. 5,623,986 issued April 29, 1997, to Wiggs.

    3.   U.S. Patent No. 5,671,608 issued September 30, 1997, to Wiggs, et al.

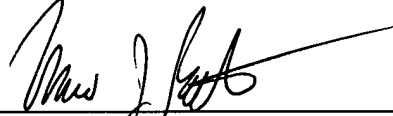   4.   U.S. Patent No. 5,946,928 issued September 7, 1999, to Wiggs.

Copies of the listed documents are attached.

Applicant respectfully requests that these references be considered by the

Examiner and made of record as part of the "available prior art" under 37 C.F.R.

§1.104.

The Commissioner is authorized to charge any deficiency or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 23-0035.
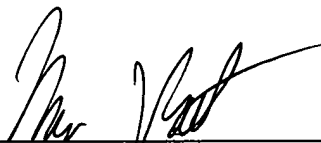
Respectfully submitted,

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CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that this Information Disclosure Statement is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, June 21, 2002.

Mark J. Patterson

Registration No. 30,412

6/21/200

Date